

IN THE SPECIFICATION

Please amend the specification as follows:

Delete the paragraph on page 2, between lines 20-21 of the specification.

Replace the paragraph on page 15, between lines 4-13 of the specification with the following:

Subsequently, the wire diameter  $d'$  of the at least one pre-fabricated nanowire 10' is reduced by etching. To this end an etch solution is prepared by adding 0.1-20 vol% HF such as e.g. 2.5 vol.% and 20-200 g/l such as 62.5 g/l trioctylphosphideoxide (TOPO) to a sample of an alcohol such as e.g. 1-butanol, pentanol, propanol or ethanol. Instead or in addition to TOPO trioctylphosphide (TOP) may be used. The total quantity of TOP and TOPO may be between 20-200 g/l. A droplet of e.g. 20  $\mu$ l of the etch solution 21 thus obtained is drop-casted onto the substrate 20 with the pre-fabricated nanowires 10. A glass or Teflon coated plate 22,

shown in Fig. 2, may be placed on top of the droplet to avoid evaporation of the solution. The plate 22 may be supported by support structure, not shown, to obtain a well defined thickness of the etch droplet 22 21.